

Giuseppe Penna

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76 papers	9,317 citations	47 h-index	80 g-index
80 ext. papers	10,651 ext. citations	8.5 avg, IF	5.9 L-index

#	Paper	IF	Citations
76	1 Alpha,25-dihydroxyvitamin D3 inhibits differentiation, maturation, activation, and survival of dendritic cells leading to impaired alloreactive T cell activation. <i>Journal of Immunology</i> , 2000 , 164, 2405-11	5.3	1014
75	Maturation stages of mouse dendritic cells in growth factor-dependent long-term cultures. <i>Journal of Experimental Medicine</i> , 1997 , 185, 317-28	16.6	717
74	Farnesoid X receptor activation inhibits inflammation and preserves the intestinal barrier in inflammatory bowel disease. <i>Gut</i> , 2011 , 60, 463-72	19.2	426
73	Interleukin 12 administration induces T helper type 1 cells and accelerates autoimmune diabetes in NOD mice. <i>Journal of Experimental Medicine</i> , 1995 , 181, 817-21	16.6	404
72	Control of autoimmune diseases by the vitamin D endocrine system. <i>Nature Clinical Practice Rheumatology</i> , 2008 , 4, 404-12		377
71	Oral tolerance can be established via gap junction transfer of fed antigens from CX3CR1+ macrophages to CD103+ dendritic cells. <i>Immunity</i> , 2014 , 40, 248-61	32.3	306
70	Expression of the inhibitory receptor ILT3 on dendritic cells is dispensable for induction of CD4+Foxp3+ regulatory T cells by 1,25-dihydroxyvitamin D3. <i>Blood</i> , 2005 , 106, 3490-7	2.2	304
69	Cutting edge: selective usage of chemokine receptors by plasmacytoid dendritic cells. <i>Journal of Immunology</i> , 2001 , 167, 1862-6	5.3	272
68	A gut-vascular barrier controls the systemic dissemination of bacteria. <i>Science</i> , 2015 , 350, 830-4	33.3	269
67	1,25-Dihydroxyvitamin D3 selectively modulates tolerogenic properties in myeloid but not plasmacytoid dendritic cells. <i>Journal of Immunology</i> , 2007 , 178, 145-53	5.3	264
66	Seminal plasma cytokines and chemokines in prostate inflammation: interleukin 8 as a predictive biomarker in chronic prostatitis/chronic pelvic pain syndrome and benign prostatic hyperplasia. <i>European Urology</i> , 2007 , 51, 524-33; discussion 533	10.2	216
65	Probiotic and postbiotic activity in health and disease: comparison on a novel polarised ex-vivo organ culture model. <i>Gut</i> , 2012 , 61, 1007-15	19.2	209
64	The control of T cell responses by dendritic cell subsets. <i>Current Opinion in Immunology</i> , 2000 , 12, 114-21	17.8	194
63	Differential migration behavior and chemokine production by myeloid and plasmacytoid dendritic cells. <i>Human Immunology</i> , 2002 , 63, 1164-71	2.3	193
62	BALB/c and C57BL/6 Mice Differ in Polyreactive IgA Abundance, which Impacts the Generation of Antigen-Specific IgA and Microbiota Diversity. <i>Immunity</i> , 2015 , 43, 527-40	32.3	188
61	Tolerogenic dendritic cells induced by vitamin D receptor ligands enhance regulatory T cells inhibiting allograft rejection and autoimmune diseases. <i>Journal of Cellular Biochemistry</i> , 2003 , 88, 227-33	4.7	170
60	Microbiota-driven gut vascular barrier disruption is a prerequisite for non-alcoholic steatohepatitis development. <i>Journal of Hepatology</i> , 2019 , 71, 1216-1228	13.4	163

59	Cutting edge: differential chemokine production by myeloid and plasmacytoid dendritic cells. <i>Journal of Immunology</i> , 2002 , 169, 6673-6	5.3	163
58	Pharmacological induction of tolerogenic dendritic cells and regulatory T cells. <i>Seminars in Immunology</i> , 2004 , 16, 127-34	10.7	159
57	Intrathecal delivery of IFN-gamma protects C57BL/6 mice from chronic-progressive experimental autoimmune encephalomyelitis by increasing apoptosis of central nervous system-infiltrating lymphocytes. <i>Journal of Immunology</i> , 2001 , 167, 1821-9	5.3	156
56	A vitamin D analog down-regulates proinflammatory chemokine production by pancreatic islets inhibiting T cell recruitment and type 1 diabetes development. <i>Journal of Immunology</i> , 2004 , 173, 2280-5	5.3	154
55	Dendritic cell tolerogenicity: a key mechanism in immunomodulation by vitamin D receptor agonists. <i>Human Immunology</i> , 2009 , 70, 345-52	2.3	150
54	Dendritic cells as key targets for immunomodulation by Vitamin D receptor ligands. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 89-90, 437-41	5.1	150
53	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. <i>Nature Medicine</i> , 2016 , 22, 624-31	50.5	145
52	Chronic inflammation in the pathogenesis of benign prostatic hyperplasia. <i>Journal of Developmental and Physical Disabilities</i> , 2010 , 33, 475-88		140
51	Unique regulation of CCL18 production by maturing dendritic cells. <i>Journal of Immunology</i> , 2003 , 170, 3843-9	5.3	134
50	Coagulation induced by C3aR-dependent NETosis drives protumorigenic neutrophils during small intestinal tumorigenesis. <i>Nature Communications</i> , 2016 , 7, 11037	17.4	126
49	Functional maturation of adult mouse resting microglia into an APC is promoted by granulocyte-macrophage colony-stimulating factor and interaction with Th1 cells. <i>Journal of Immunology</i> , 2000 , 164, 1705-12	5.3	125
48	Human benign prostatic hyperplasia stromal cells as inducers and targets of chronic immuno-mediated inflammation. <i>Journal of Immunology</i> , 2009 , 182, 4056-64	5.3	121
47	Deviation of pancreas-infiltrating cells to Th2 by interleukin-12 antagonist administration inhibits autoimmune diabetes. <i>European Journal of Immunology</i> , 1997 , 27, 2330-9	6.1	112
46	Relative efficiency of microglia, astrocytes, dendritic cells and B cells in naive CD4+ T cell priming and Th1/Th2 cell restimulation. <i>European Journal of Immunology</i> , 1999 , 29, 2705-14	6.1	107
45	Endogenous murine microbiota member <i>Faecalibaculum rodentium</i> and its human homologue protect from intestinal tumour growth. <i>Nature Microbiology</i> , 2020 , 5, 511-524	26.6	104
44	Treatment of experimental autoimmune prostatitis in nonobese diabetic mice by the vitamin D receptor agonist elocalcitrol. <i>Journal of Immunology</i> , 2006 , 177, 8504-11	5.3	99
43	Induction of macrophage-derived chemokine/CCL22 expression in experimental autoimmune encephalomyelitis and cultured microglia: implications for disease regulation. <i>Journal of Neuroimmunology</i> , 2002 , 130, 10-21	3.5	86
42	The immune system in the control of microbiota homeostasis. <i>Italian Journal of Pediatrics</i> , 2015 , 41,	3.2	78

41	The vitamin D receptor agonist elocalcitol inhibits IL-8-dependent benign prostatic hyperplasia stromal cell proliferation and inflammatory response by targeting the RhoA/Rho kinase and NF-kappaB pathways. <i>Prostate</i> , 2009 , 69, 480-93	4.2	76
40	Dichotomy of short and long thymic stromal lymphopoietin isoforms in inflammatory disorders of the bowel and skin. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 413-22	11.5	75
39	Induction of tolerogenic dendritic cells by vitamin D receptor agonists. <i>Handbook of Experimental Pharmacology</i> , 2009 , 251-73	3.2	74
38	IL-12 administration accelerates autoimmune diabetes in both wild-type and IFN-gamma-deficient nonobese diabetic mice, revealing pathogenic and protective effects of IL-12-induced IFN-gamma. <i>Journal of Immunology</i> , 2003 , 170, 5491-501	5.3	74
37	Inhibition of prostate growth and inflammation by the vitamin D receptor agonist BXL-628 (elocalcitol). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 689-93	5.1	70
36	Th1 cells induce and Th2 inhibit antigen-dependent IL-12 secretion by dendritic cells. <i>European Journal of Immunology</i> , 1998 , 28, 2003-16	6.1	68
35	CD40-CD154 interaction and IFN-gamma are required for IL-12 but not prostaglandin E2 secretion by microglia during antigen presentation to Th1 cells. <i>Journal of Immunology</i> , 1999 , 162, 1384-91	5.3	67
34	Lactobacillus paracasei CBA L74 metabolic products and fermented milk for infant formula have anti-inflammatory activity on dendritic cells in vitro and protective effects against colitis and an enteric pathogen in vivo. <i>PLoS ONE</i> , 2014 , 9, e87615	3.7	62
33	Pancreas-infiltrating Th1 cells and diabetes develop in IL-12-deficient nonobese diabetic mice. <i>Journal of Immunology</i> , 1999 , 163, 2960-8	5.3	59
32	Efficacy of a potent and safe vitamin D receptor agonist for the treatment of inflammatory bowel disease. <i>Immunology Letters</i> , 2010 , 131, 49-58	4.1	58
31	Delivery to the central nervous system of a nonreplicative herpes simplex type 1 vector engineered with the interleukin 4 gene protects rhesus monkeys from hyperacute autoimmune encephalomyelitis. <i>Human Gene Therapy</i> , 2001 , 12, 905-20	4.8	52
30	Animal models of spontaneous autoimmune disease: type 1 diabetes in the nonobese diabetic mouse. <i>Methods in Molecular Biology</i> , 2007 , 380, 285-311	1.4	47
29	Vitamin D receptor agonists target static, dynamic, and inflammatory components of benign prostatic hyperplasia. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1193, 146-52	6.5	46
28	Spontaneous and prostatic steroid binding protein peptide-induced autoimmune prostatitis in the nonobese diabetic mouse. <i>Journal of Immunology</i> , 2007 , 179, 1559-67	5.3	43
27	Human immunodeficiency virus type 1 gp120 and other activation stimuli are highly effective in triggering alpha interferon and CC chemokine production in circulating plasmacytoid but not myeloid dendritic cells. <i>Journal of Virology</i> , 2005 , 79, 12597-601	6.6	42
26	Manipulating dendritic cells to induce regulatory T cells. <i>Microbes and Infection</i> , 2005 , 7, 1033-9	9.3	35
25	Early Th1 response in unprimed nonobese diabetic mice to the tyrosine phosphatase-like insulinoma-associated protein 2, an autoantigen in type 1 diabetes. <i>Journal of Immunology</i> , 2000 , 165, 6748-55	5.3	35
24	The involvement of IL-12 in murine experimentally induced autoimmune thyroid disease. <i>European Journal of Immunology</i> , 1999 , 29, 1933-42	6.1	34

23	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. <i>Cancer Cell</i> , 2021 , 39, 708-724.e11	24.3	34
22	Synthesis and anti-inflammatory properties of 1alpha,25-dihydroxy-16-ene-20-cyclopropyl-24-oxo-vitamin D3, a hypocalcemic, stable metabolite of 1alpha,25-dihydroxy-16-ene-20-cyclopropyl-vitamin D3. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 2204-13	8.3	32
21	Polymorphisms in the IL12b gene affect structure and expression of IL-12 in NOD and other autoimmune-prone mouse strains. <i>Genes and Immunity</i> , 2002 , 3, 151-7	4.4	28
20	Vitamin D receptor agonists in the treatment of autoimmune diseases: selective targeting of myeloid but not plasmacytoid dendritic cells. <i>Journal of Bone and Mineral Research</i> , 2007 , 22 Suppl 2, V69-73	6.3	26
19	Prostate autoimmunity: from experimental models to clinical counterparts. <i>Expert Review of Clinical Immunology</i> , 2009 , 5, 577-86	5.1	23
18	Vitamin D receptor agonists, cancer and the immune system: an intricate relationship. <i>Current Topics in Medicinal Chemistry</i> , 2006 , 6, 1297-301	3	23
17	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. <i>Science</i> , 2021 , 374, 439-448	33.3	21
16	Calcitriol derivatives with two different side chains at C-20 III. An epimeric pair of the gemini family with unprecedented antiproliferative effects on tumor cells and renin mRNA expression inhibition. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 277-81	5.1	19
15	Thiol antioxidants inhibit the formation of the interleukin-12 heterodimer: a novel mechanism for the inhibition of IL-12 production. <i>Cytokine</i> , 2002 , 17, 285-93	4	16
14	Vitamin D receptor agonists as anti-inflammatory agents. <i>Expert Review of Clinical Immunology</i> , 2007 , 3, 477-89	5.1	13
13	Inhibition of costimulatory pathways for T-cell activation by 1,25-dihydroxyvitamin D(3). <i>Transplantation Proceedings</i> , 2001 , 33, 2083-4	1.1	13
12	IL-12 administration reveals diabetogenic T cells in genetically resistant I-Ealpha-transgenic nonobese diabetic mice: resistance to autoimmune diabetes is associated with binding of Ealpha-derived peptides to the I-A(g7) molecule. <i>Journal of Immunology</i> , 2001 , 167, 4104-14	5.3	12
11	Human prostatic urethra expresses vitamin D receptor and responds to vitamin D receptor ligation. <i>Journal of Endocrinological Investigation</i> , 2010 , 33, 730-8	5.2	9
10	Induction of transplantation tolerance by 1,25-dihydroxyvitamin D(3). <i>Transplantation Proceedings</i> , 2001 , 33, 58-9	1.1	9
9	A peptide binding motif for I-Eg7, the MHC class II molecule that protects E alpha-transgenic nonobese diabetic mice from autoimmune diabetes. <i>Journal of Immunology</i> , 1999 , 162, 6630-40	5.3	9
8	Genomic diversity and immunomodulatory activity of <i>Lactobacillus plantarum</i> isolated from dairy products. <i>Beneficial Microbes</i> , 2017 , 8, 597-604	4.9	8
7	Paralysis of the cytotoxic granule machinery is a new cancer immune evasion mechanism mediated by chitinase 3-like-1 2021 , 9,		4
6	Identification of a class of non-conventional ER-stress-response-derived immunogenic peptides. <i>Cell Reports</i> , 2021 , 36, 109312	10.6	2

- 5 Functional characterization and immunomodulatory properties of *Lactobacillus helveticus* strains isolated from Italian hard cheeses. *PLoS ONE*, **2021**, 16, e0245903 3.7 1
- 4 Leukocyte migration to pancreatic islets: a critical step in the pathogenesis of type 1 diabetes **2006**, 167-179 1
- 3 Dendritic Cell Modulation by the Vitamin D System **2012**, 103-125
- 2 Dendritic Cell Manipulation with Biological and Pharmacological Agents to Induce Regulatory T Cells **2005**, 95-109
- 1 Exploiting the potential of regulatory T cells in the control of type 1 diabetes **2005**, 95-109